

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
 Data File : BN028523.D
 Acq On : 09 Nov 2023 17:56
 Operator : MA/JU
 Sample : PB156740BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS740

Quant Time: Nov 09 23:44:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:30:32 2023
 Response via : Initial Calibration

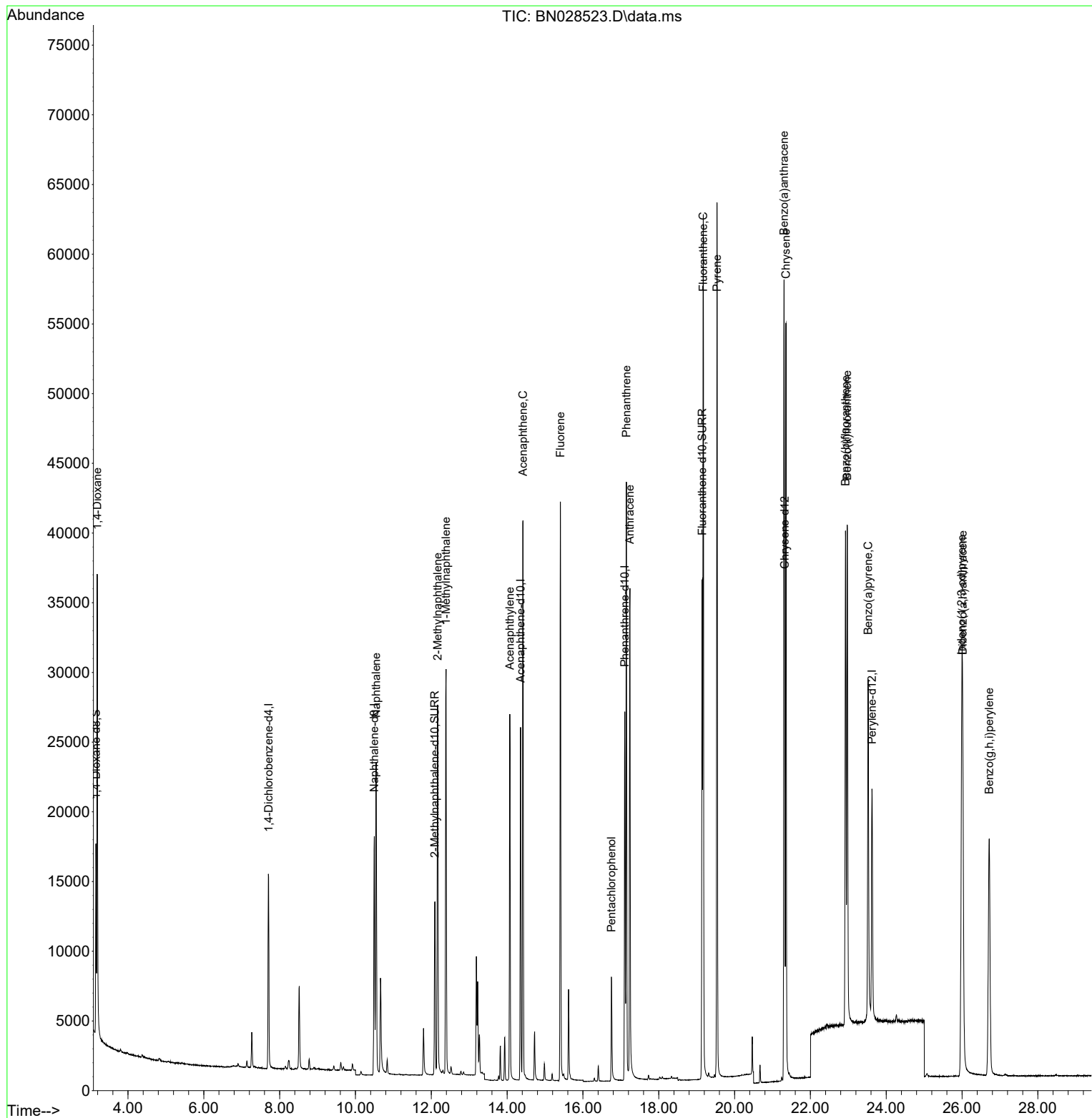
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.707	152	7496	0.400	ng/ul	0.00
4) Naphthalene-d8	10.496	136	23024	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.354	164	13514	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.103	188	30531	0.400	ng/ul	0.00
17) Chrysene-d12	21.321	240	24681	0.400	ng/ul	0.00
23) Perylene-d12	23.624	264	23243	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	8090	0.977	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.091	152	16894	0.487	ng/ul	0.00
18) Fluoranthene-d10	19.146	212	40143	0.505	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.189	88	19793	2.161	ng/ul#	80
5) Naphthalene	10.546	128	30789	0.477	ng/ul	99
7) 2-Methylnaphthalene	12.168	142	19597	0.461	ng/ul	100
8) 1-Methylnaphthalene	12.388	142	20241	0.469	ng/ul	99
10) Acenaphthylene	14.072	152	29874	0.443	ng/ul	99
11) Acenaphthene	14.419	153	23245	0.468	ng/ul	99
12) Fluorene	15.404	166	26734	0.463	ng/ul	99
14) Pentachlorophenol	16.753	266	5201	0.710	ng/ul	99
15) Phenanthrene	17.145	178	44138	0.471	ng/ul	100
16) Anthracene	17.238	178	39105	0.455	ng/ul	100
19) Fluoranthene	19.174	202	51514	0.491	ng/ul	98
20) Pyrene	19.536	202	52878	0.486	ng/ul	98
21) Benzo(a)anthracene	21.303	228	45902	0.470	ng/ul	99
22) Chrysene	21.356	228	47099	0.494	ng/ul	99
24) Benzo(b)fluoranthene	22.925	252	45373	0.520	ng/ul	99
25) Benzo(k)fluoranthene	22.972	252	45713	0.500	ng/ul	99
26) Benzo(a)pyrene	23.525	252	37994	0.461	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.990	276	44398	0.486	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.017	278	35233	0.482	ng/ul	99
29) Benzo(g,h,i)perylene	26.714	276	36721	0.490	ng/ul	99

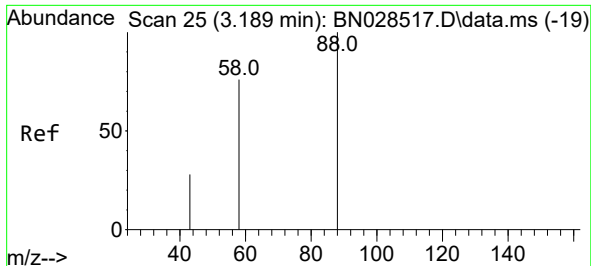
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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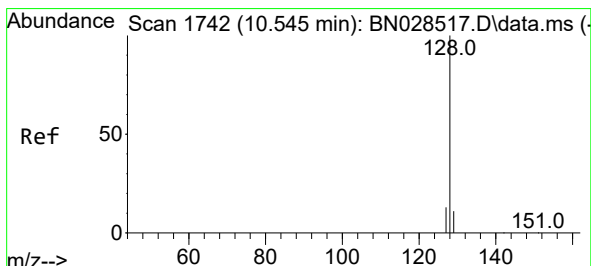
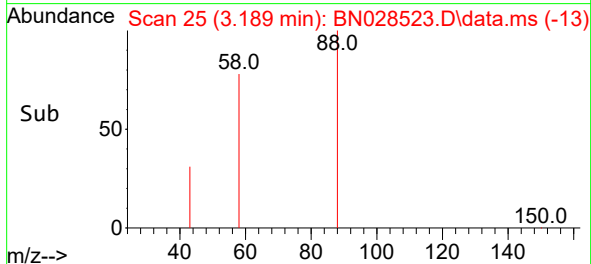
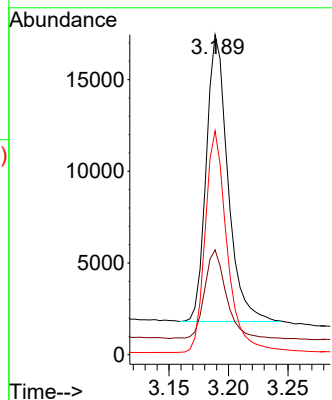
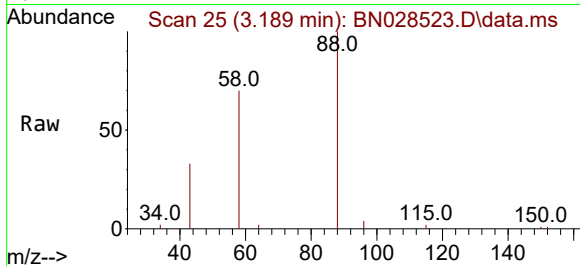




#2
1,4-Dioxane
Concen: 2.161 ng/ul
RT: 3.189 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

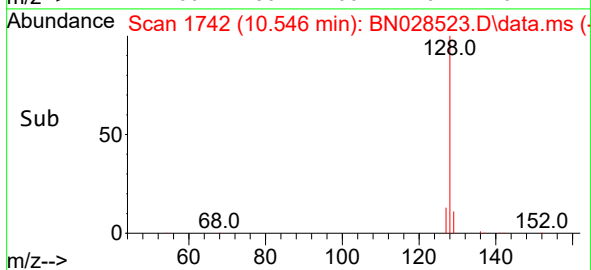
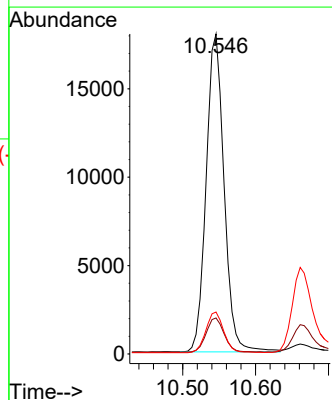
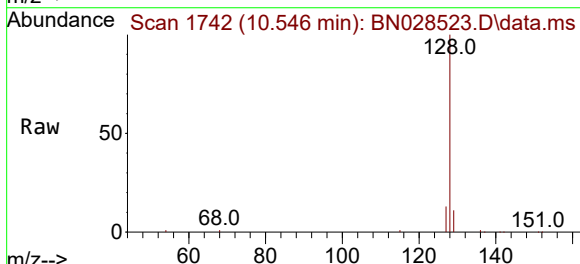
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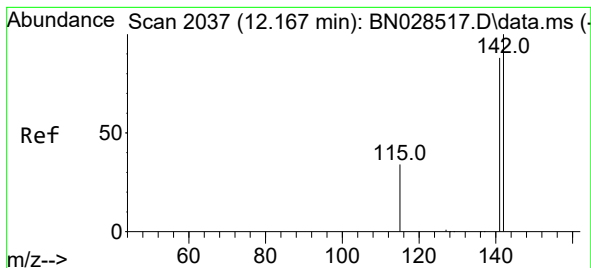
Tgt Ion: 88 Resp: 19793
Ion Ratio Lower Upper
88 100
43 32.7 32.9 49.3#
58 70.0 41.8 62.8#



#5
Naphthalene
Concen: 0.477 ng/ul
RT: 10.546 min Scan# 1742
Delta R.T. 0.001 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Tgt Ion: 128 Resp: 30789
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.1 10.7 16.1

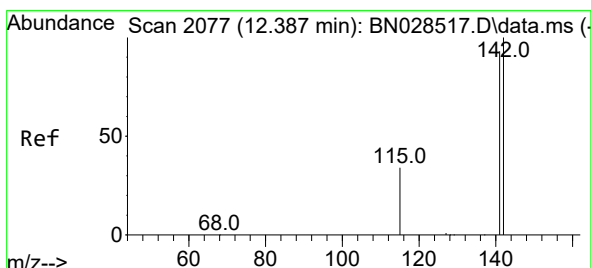
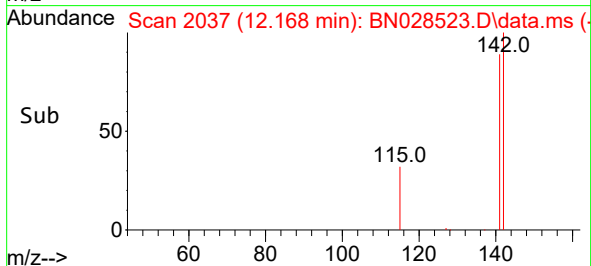
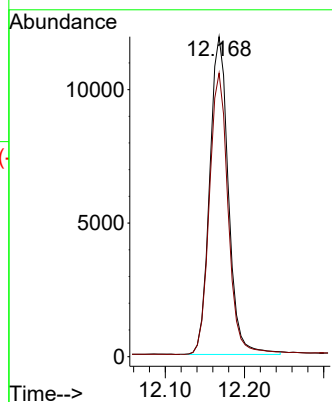
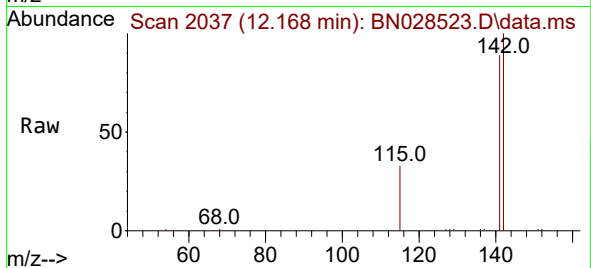




#7
2-Methylnaphthalene
Concen: 0.461 ng/ul
RT: 12.168 min Scan# 2037
Delta R.T. 0.001 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

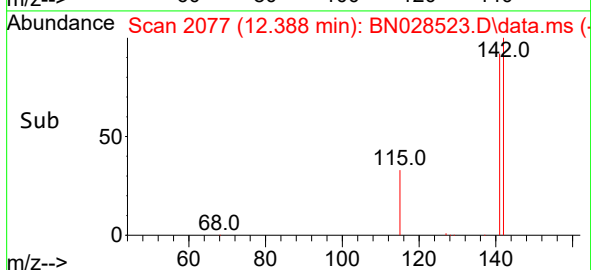
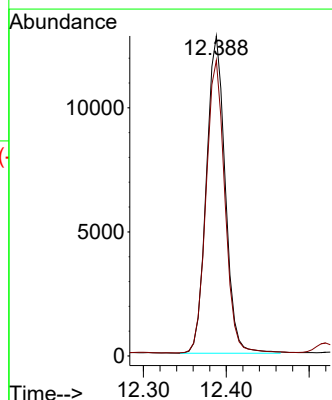
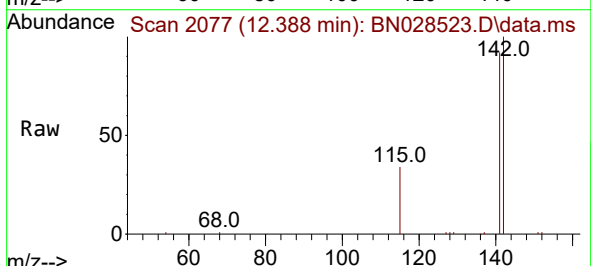
Instrument :
BNA_N
ClientSampleId :
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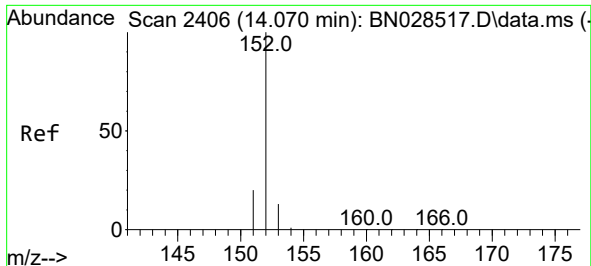
Tgt Ion:142 Resp: 19597
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.469 ng/ul
RT: 12.388 min Scan# 2077
Delta R.T. 0.001 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Tgt Ion:142 Resp: 20241
Ion Ratio Lower Upper
142 100
141 91.9 74.1 111.1

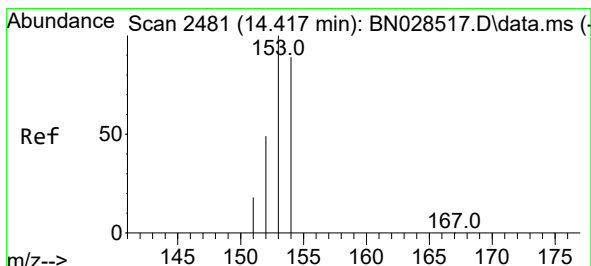
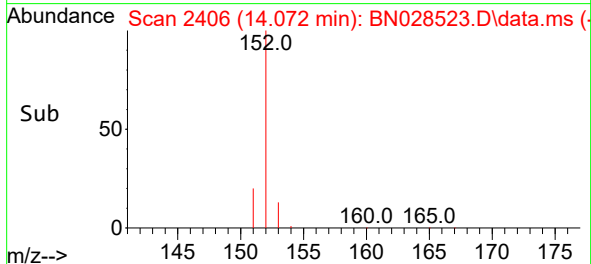
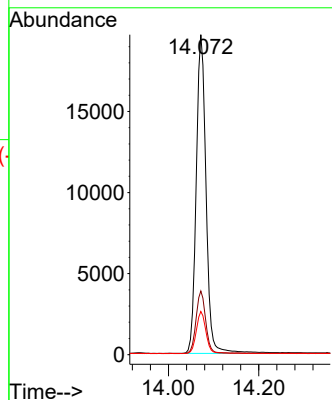
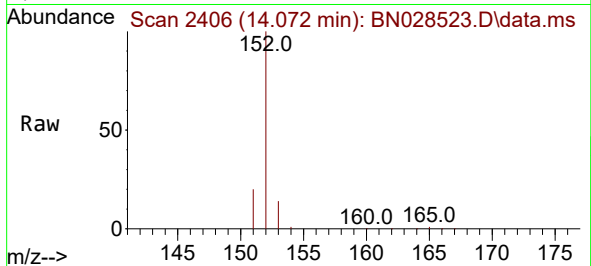




#10
Acenaphthylene
Concen: 0.443 ng/ul
RT: 14.072 min Scan# 2406
Delta R.T. 0.001 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

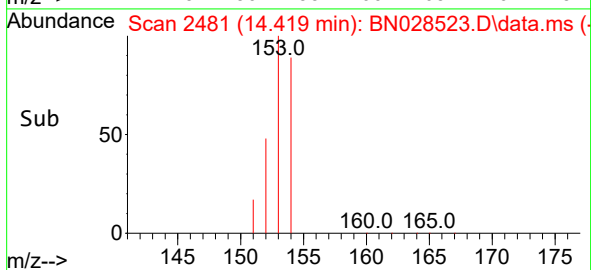
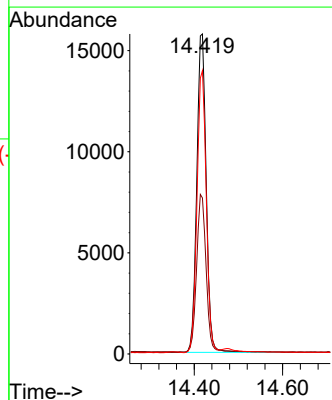
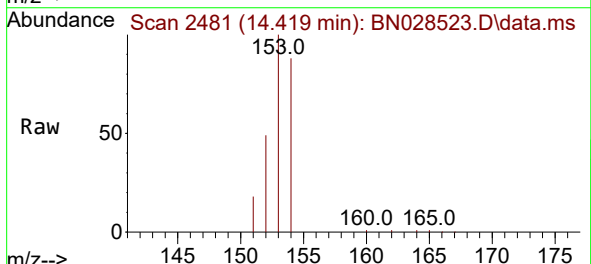
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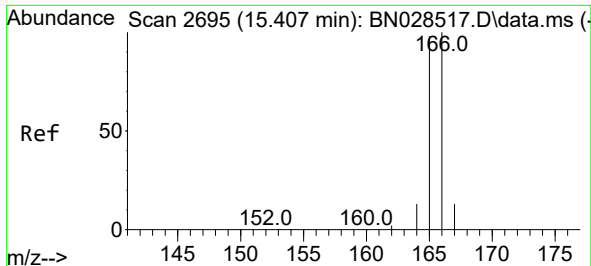
Tgt Ion:	152	Resp:	29874
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.1	24.1
153	13.5	10.6	15.8



#11
Acenaphthene
Concen: 0.468 ng/ul
RT: 14.419 min Scan# 2481
Delta R.T. 0.001 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Tgt Ion:	153	Resp:	23245
Ion Ratio	Lower	Upper	
153	100		
152	48.7	39.6	59.4
154	88.5	71.0	106.6

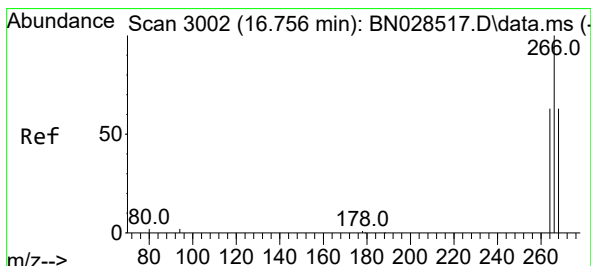
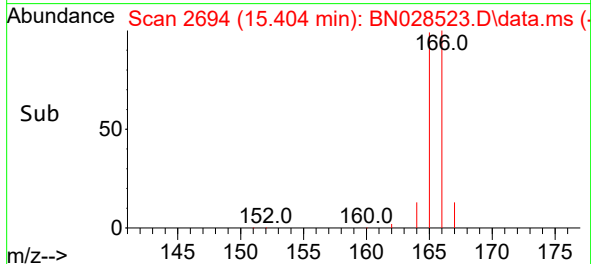
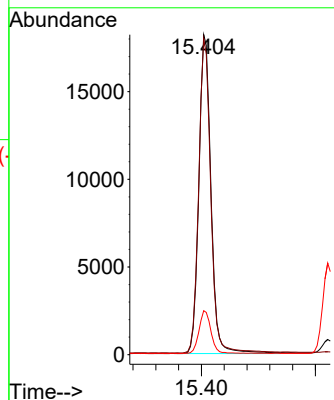
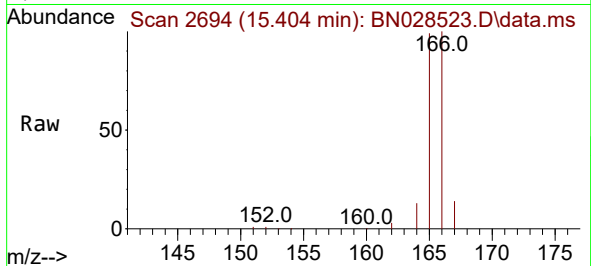




#12
Fluorene
Concen: 0.463 ng/ul
RT: 15.404 min Scan# 2694
Delta R.T. -0.003 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

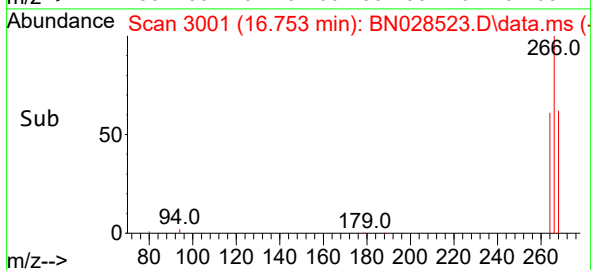
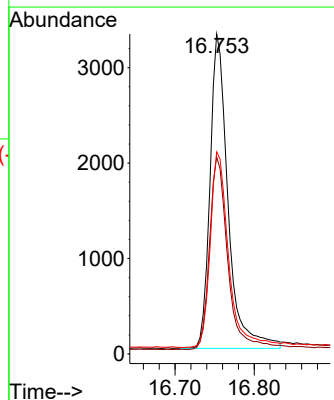
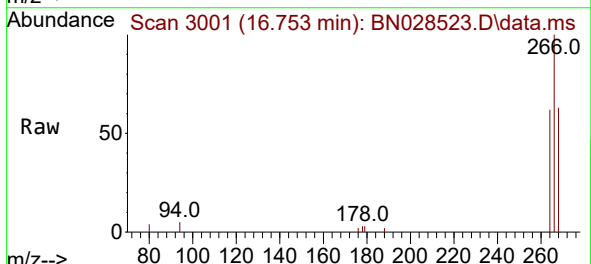
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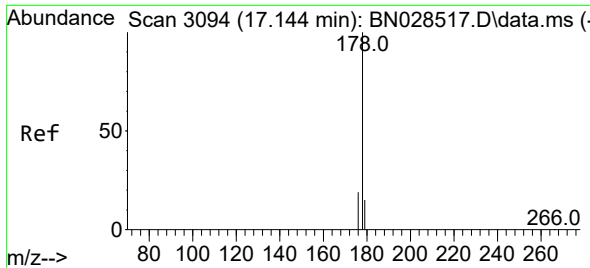
Tgt Ion:166 Resp: 26734
Ion Ratio Lower Upper
166 100
165 98.9 78.6 118.0
167 13.8 11.0 16.6



#14
Pentachlorophenol
Concen: 0.710 ng/ul
RT: 16.753 min Scan# 3001
Delta R.T. -0.003 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Tgt Ion:266 Resp: 5201
Ion Ratio Lower Upper
266 100
264 62.4 50.1 75.1
268 63.9 50.6 75.8

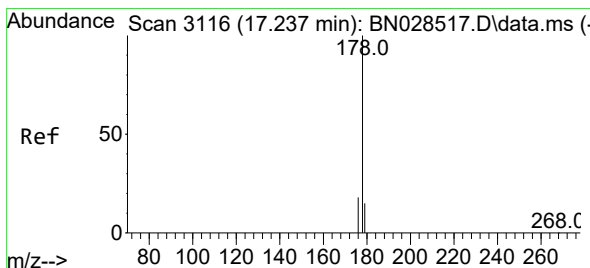
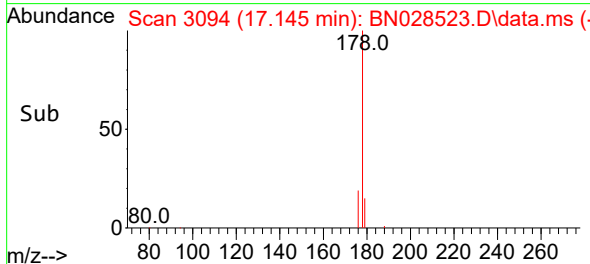
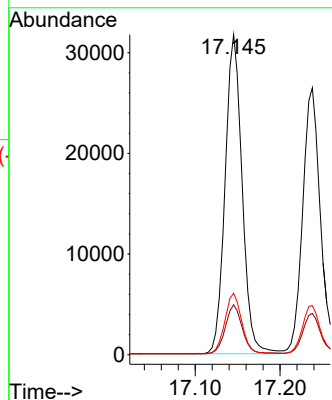
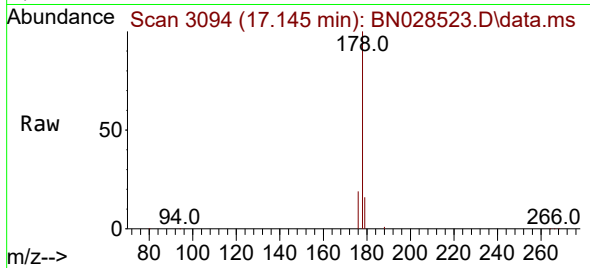




#15
Phenanthrene
Concen: 0.471 ng/ul
RT: 17.145 min Scan# 3094
Delta R.T. 0.001 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

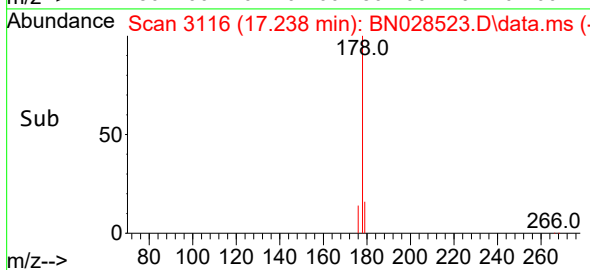
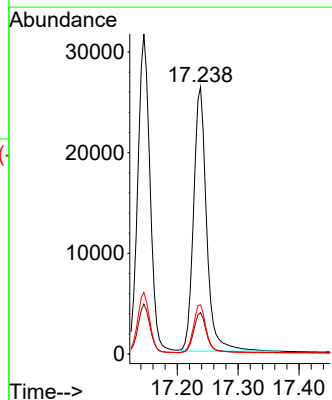
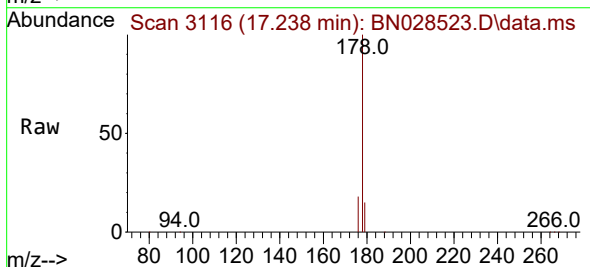
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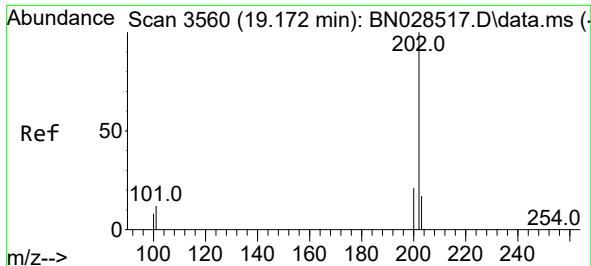
Tgt Ion:178 Resp: 44138
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 19.2 15.4 23.2



#16
Anthracene
Concen: 0.455 ng/ul
RT: 17.238 min Scan# 3116
Delta R.T. 0.001 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Tgt Ion:178 Resp: 39105
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 18.4 14.9 22.3

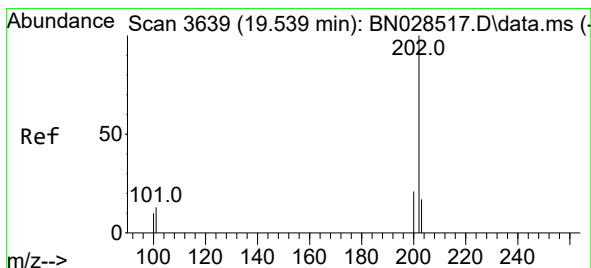
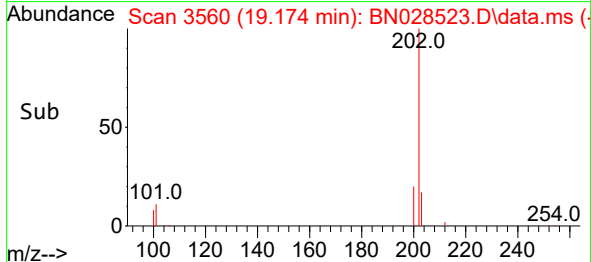
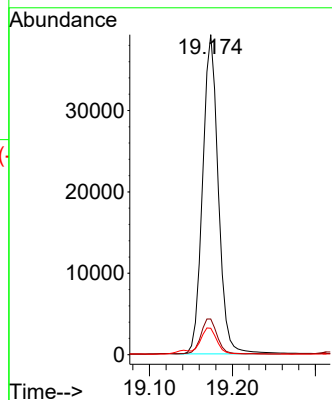
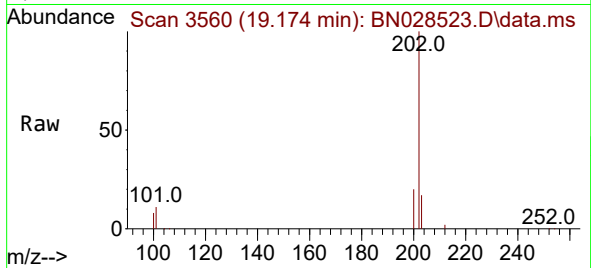




#19
Fluoranthene
Concen: 0.491 ng/ul
RT: 19.174 min Scan# 3560
Delta R.T. 0.002 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

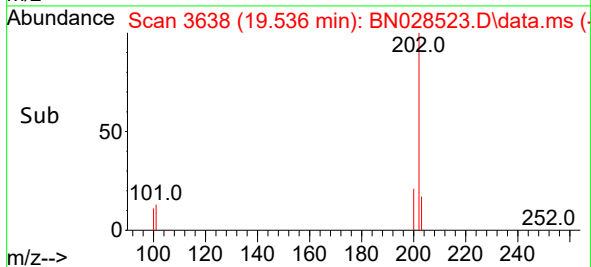
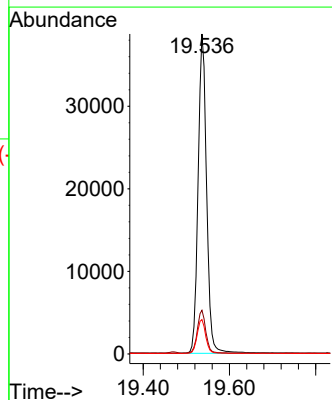
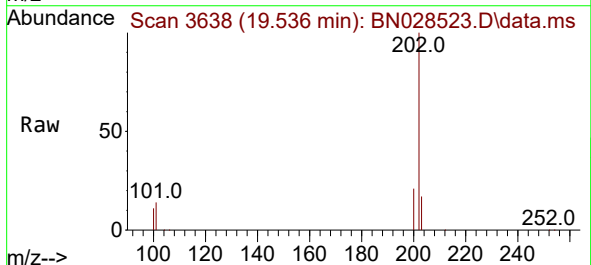
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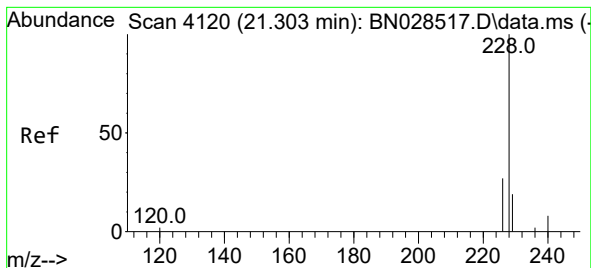
Tgt Ion:202 Resp: 51514
Ion Ratio Lower Upper
202 100
101 11.1 9.5 14.3
100 8.3 7.2 10.8



#20
Pyrene
Concen: 0.486 ng/ul
RT: 19.536 min Scan# 3638
Delta R.T. -0.003 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Tgt Ion:202 Resp: 52878
Ion Ratio Lower Upper
202 100
101 13.6 10.3 15.5
100 10.7 8.2 12.2





#21

Benzo(a)anthracene

Concen: 0.470 ng/ul

RT: 21.303 min Scan# 4120

Delta R.T. -0.000 min

Lab File: BN028523.D

Acq: 09 Nov 2023 17:56

Instrument :

BNA_N

ClientSampleId :

SLCS740

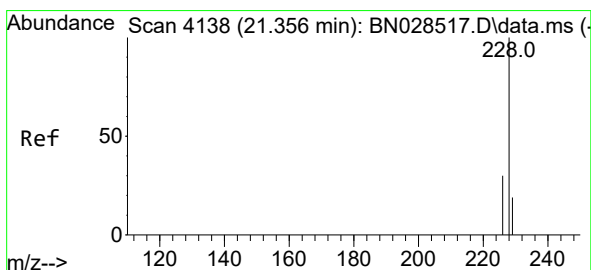
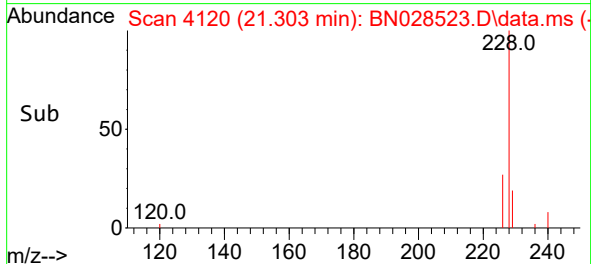
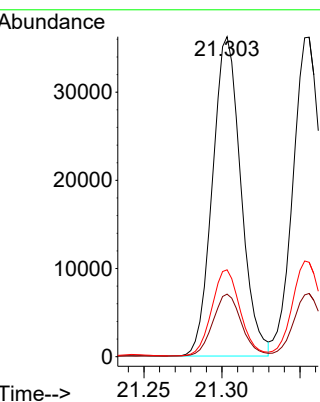
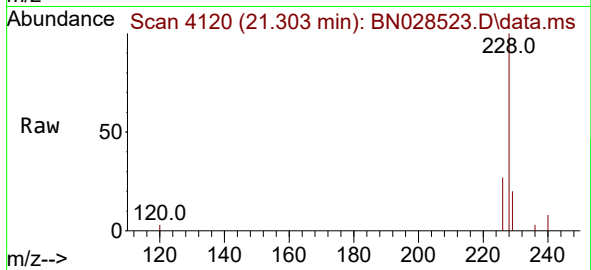
Tgt Ion:228 Resp: 45902

Ion Ratio Lower Upper

228 100

229 19.6 15.7 23.5

226 27.2 21.4 32.0



#22

Chrysene

Concen: 0.494 ng/ul

RT: 21.356 min Scan# 4138

Delta R.T. -0.000 min

Lab File: BN028523.D

Acq: 09 Nov 2023 17:56

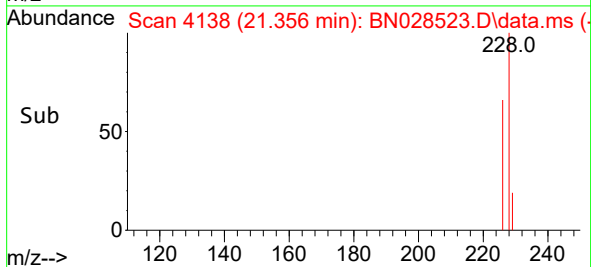
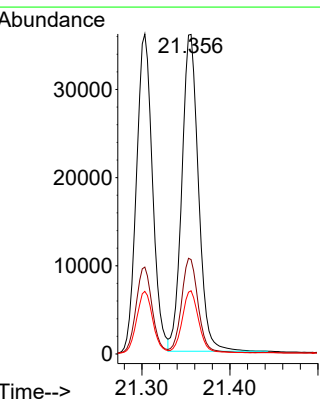
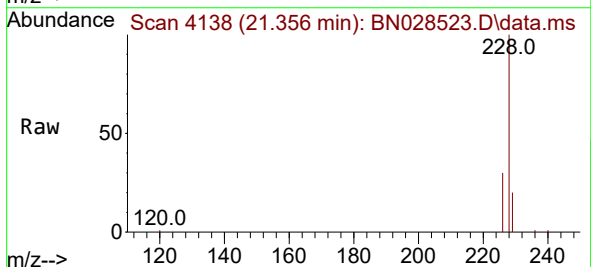
Tgt Ion:228 Resp: 47099

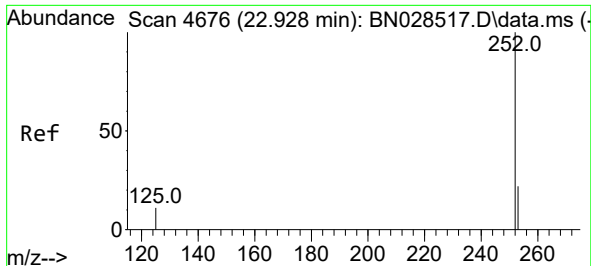
Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

229 19.8 15.4 23.2

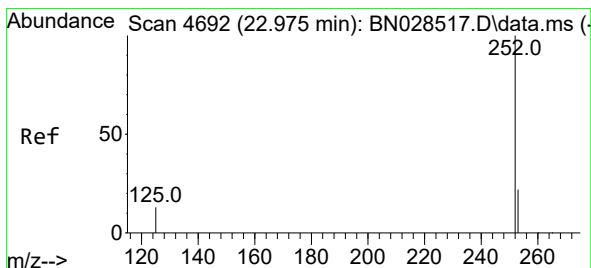
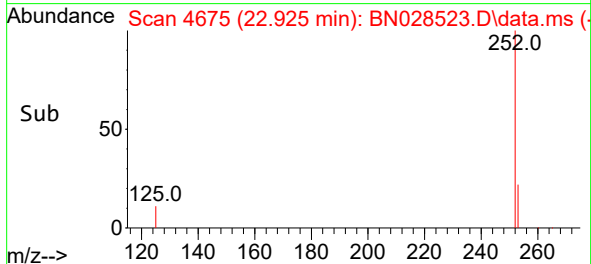
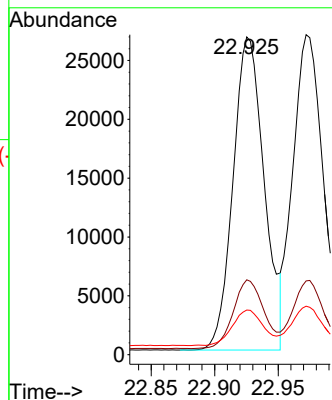
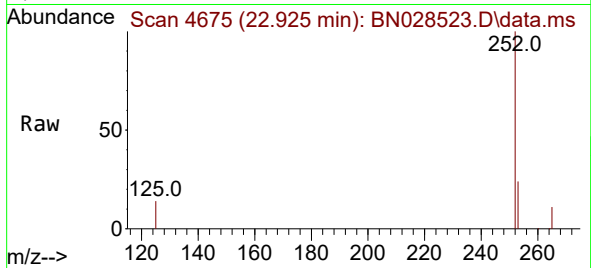




#24
Benzo(b)fluoranthene
Concen: 0.520 ng/ul
RT: 22.925 min Scan# 4675
Delta R.T. -0.003 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

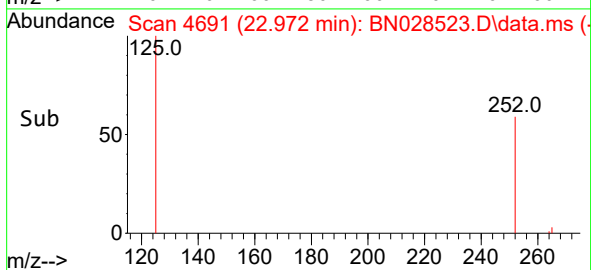
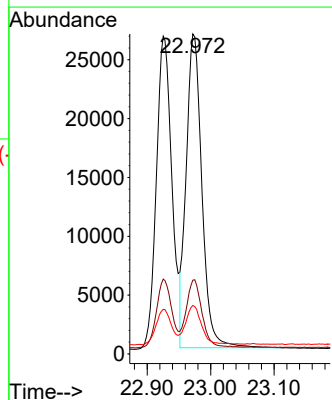
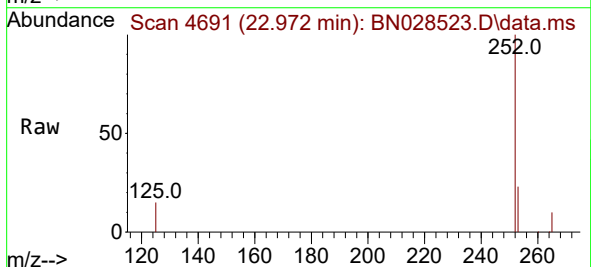
Instrument :
BNA_N
ClientSampleId :
SLCS740

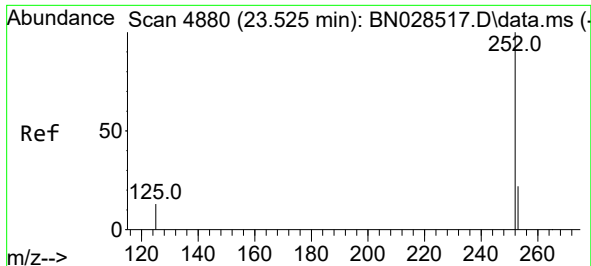
Tgt Ion:252 Resp: 45373
Ion Ratio Lower Upper
252 100
253 23.6 0.0 46.6
125 14.1 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.500 ng/ul
RT: 22.972 min Scan# 4691
Delta R.T. -0.003 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

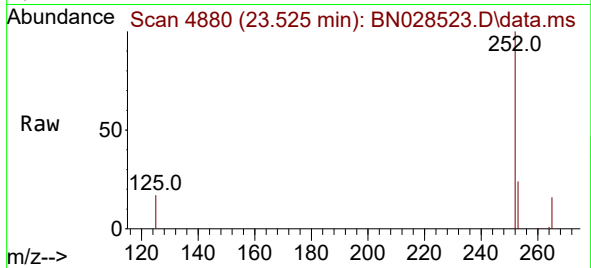
Tgt Ion:252 Resp: 45713
Ion Ratio Lower Upper
252 100
253 23.1 18.6 28.0
125 15.1 12.7 19.1



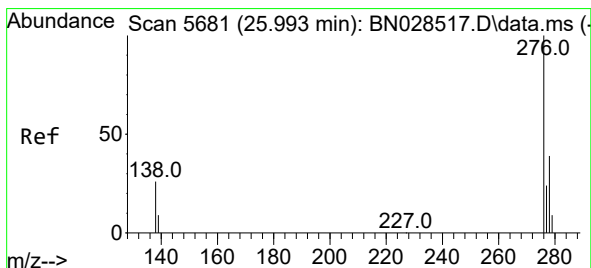
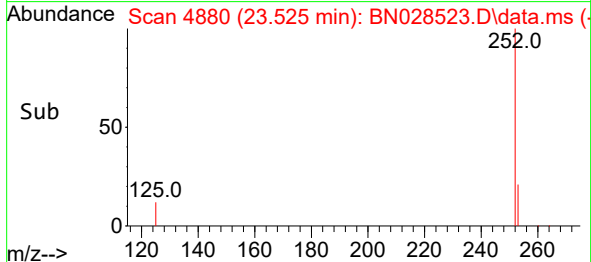
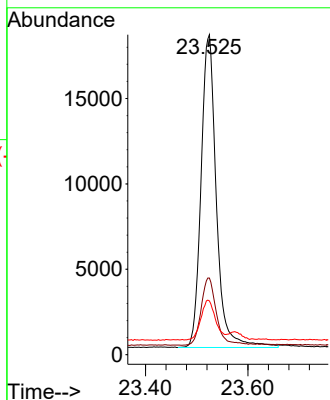


#26
Benzo(a)pyrene
Concen: 0.461 ng/ul
RT: 23.525 min Scan# 4880
Delta R.T. -0.000 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Instrument :
BNA_N
ClientSampleId :
SLCS740

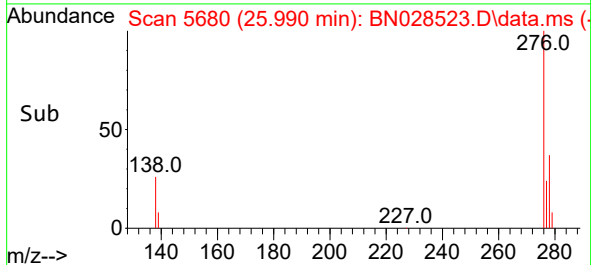
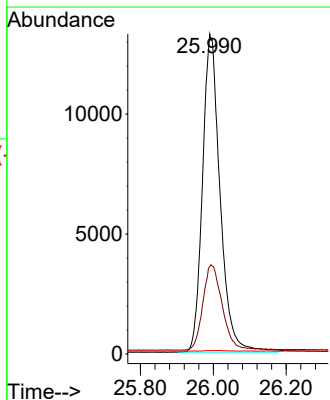
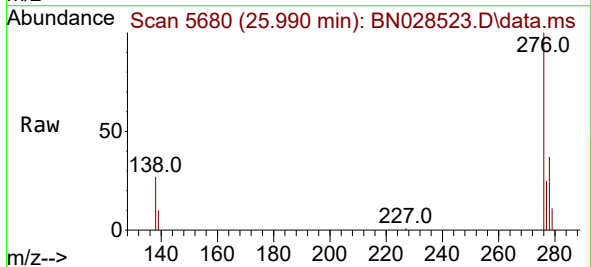


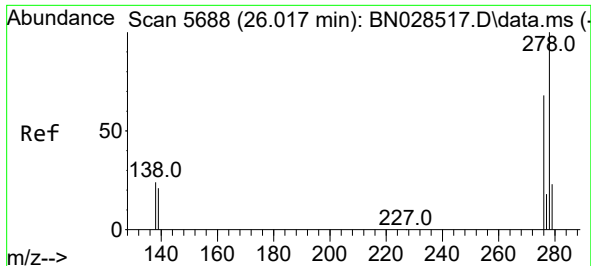
Tgt Ion:	252	Resp:	37994
Ion Ratio	Lower	Upper	
252	100		
253	24.0	19.0	28.6
125	16.8	13.2	19.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.486 ng/ul
RT: 25.990 min Scan# 5680
Delta R.T. -0.003 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Tgt Ion:	276	Resp:	44398
Ion Ratio	Lower	Upper	
276	100		
138	29.8	23.8	35.6
227	0.2	0.1	0.1

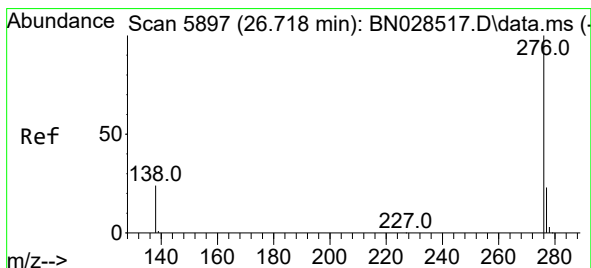
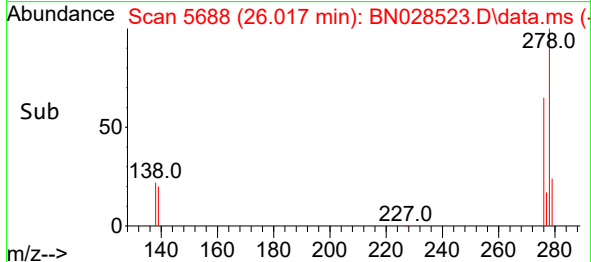
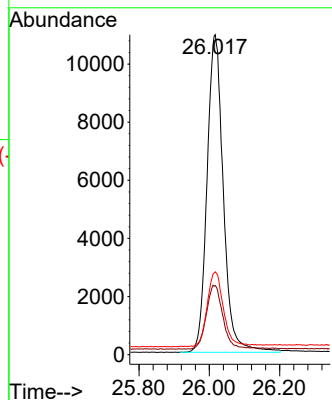
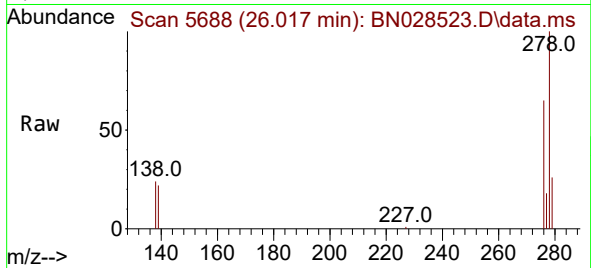




#28
Dibenzo(a,h)anthracene
Concen: 0.482 ng/ul
RT: 26.017 min Scan# 5688
Delta R.T. -0.000 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Instrument :
BNA_N
ClientSampleId :
SLCS740

Tgt Ion:278 Resp: 35233
Ion Ratio Lower Upper
278 100
139 21.6 18.2 27.4
279 25.9 20.7 31.1



#29
Benzo(g,h,i)perylene
Concen: 0.490 ng/ul
RT: 26.714 min Scan# 5896
Delta R.T. -0.003 min
Lab File: BN028523.D
Acq: 09 Nov 2023 17:56

Tgt Ion:276 Resp: 36721
Ion Ratio Lower Upper
276 100
138 26.6 20.5 30.7
277 23.9 19.4 29.0

